

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4134	29/25.42,595,846,857,885.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:54
S2	1648	73/715,718,724.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:54
S3	1113	361/283.4,807,821.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:55
S4	9180	427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:15
S5	0	capacit\$3 near vacuum near cell	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:57
S6	1519	vacuum near cell	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:56
S7	1	S1 and S6	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:56
S8	0	S2 and S6	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:56
S9	0	S3 and S6	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:56
S10	84	capacit\$3 same vacuum same measur\$3 same cell	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:47
S11	0	S1 and S10	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:57
S12	1	S2 and S10	USPAT; JPO; DERWENT	OR	ON	2005/05/18 07:57
S13	13	("3619742" "4329732" "4380041" "5005421" "5257542" "5275054" "5315877" "5436795" "5553502" "5733670" "5776276" "5798168" "5997671").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 07:59
S14	0	S3 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 07:59

S15	55	S10 and @ad<"19981222"	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:00
S16	5	S15 and alumina	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:02
S17	55553	Al2O3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:02
S18	2	S15 and S17	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:02
S19	2	("6528008").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/05/18 08:06
S20	8	("4340436" "5026672" "5436795" "5553502" "5874162" "5893954" "5932043" "6017645").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 08:06
S21	392	264/605,650,662,671-673.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:09
S22	1289	156/62.2,89.11,89.15.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:10
S23	14	bjoerkman-per.in. or olsson-ray.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:10
S24	2	S10 and S23	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:11
S25	0	S6 and S23	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:12
S26	1668	S21 or S22	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:12
S27	771	alumin\$3 near membrane	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:29
S28	4	alumin\$3 near membrane with slurry	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:13
S29	17413	alumin\$3 with slurry	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:29

S30	17	S27 and S29	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:13
S31	760	427/79,80.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:15
S32	324	75/414.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:15
S33	1083	S31 or S32	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:16
S34	2815	S30 aand S33	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:16
S35	0	S30 and S33	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:17
S36	12	S30 and sinter\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:17
S37	17	S30 and (sinter\$3 or fir\$3 or bak\$3)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:17
S38	17	S30 and (sinter\$3 or fir\$3 or bak\$3 or heat\$3)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:26
S39	10	S38 and cool\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:18
S40	0	S20 and S39	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:18
S41	8592	S29 and (sintering or firing or baking or heating)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:26
S42	4944	S41 and (first and second)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:27
S43	3568	S41 and (first same second)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:27
S44	127727	(sintering or firing or baking or heating) same (first same second)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:31
S45	83	(sintering or firing or baking or heating) same (first same second) same (alumin\$3 with slurry)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:28

S46	11	(sintering or firing or baking or heating) same (first same second) same (alumin\$3 with slurry) same cool\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:28
S47	1449	alumin\$3 adj slurry	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46
S48	529	alumin\$3 adj membrane	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:30
S49	3	S47 and S48	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:30
S50	13287	first adj (sintering or firing or baking or heating)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:44
S51	12027	second adj (sintering or firing or baking or heating)	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:45
S52	6688	S50 and S51	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:32
S53	0	S48 and S52	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:32
S54	5	S47 and S52	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:38
S55	1	(US-5188780-\$).did.	USPAT	OR	ON	2005/05/18 08:38
S56	0	S55 and cool\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:38
S57	1284	(first adj (sintering or firing or baking or heating)) with cool\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:44
S58	1160	(second adj (sintering or firing or baking or heating)) with cool\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:45
S59	510	S57 and S58	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:45
S60	1975	S47 or S48	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:45
S61	0	S59 and S60	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46

S62	0	S1 and S60	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46
S63	0	S2 and S60	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46
S64	0	S3 and S60	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46
S65	13	(alumin\$3 adj slurry) same membrane	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:47
S66	0	S59 and S65	USPAT; JPO; DERWENT	OR	ON	2005/05/18 08:46
S67	8	capacit\$3 same vacuum same measur\$3 same cell	EPO; JPO	OR	ON	2005/05/18 08:48

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Karlsson, N.; Jarhed, J.-O.;
Instrumentation and Measurement Technology Conference, 1993. IMTC/93. Conference Record., IEEE
18-20 May 1993 Page(s):164 - 166
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
2. **Automatic balancing of linear AC bridge circuits for capacitive sensor elements**
Holmberg, P.;
Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings. 10th A
Technologies in I & M., 1994 IEEE
10-12 May 1994 Page(s):475 - 478 vol.2
[AbstractPlus](#) | Full Text: [PDF\(224 KB\)](#) IEEE CNF
3. **Theory and application of a capacitive sensor for safeguarding in industry**
Karlsson, N.;
Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings. 10th A
Technologies in I & M., 1994 IEEE
10-12 May 1994 Page(s):479 - 482 vol.2
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE CNF
4. **An AC current source for capacitance-based displacement measurements**
Nerino, R.; Sosso, A.; Picotto, G.B.;
Precision Electromagnetic Measurements Digest, 1996 Conference on
17-21 June 1996 Page(s):415 - 416
[AbstractPlus](#) | Full Text: [PDF\(188 KB\)](#) IEEE CNF
5. **A novel low-cost capacitive-sensor Interface**
Van Der Goes, F.M.L.; Meijer, G.C.M.;
Instrumentation and Measurement, IEEE Transactions on
Volume 45, Issue 2, April 1996 Page(s):536 - 540
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(544 KB\)](#) IEEE JNL
6. **A low-cost, stable reference capacitor for capacitive sensor systems**
Toth, F.N.; Bertels, D.; Meijer, G.C.M.;
Instrumentation and Measurement, IEEE Transactions on
Volume 45, Issue 2, April 1996 Page(s):526 - 530
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(464 KB\)](#) IEEE JNL

- 7. Capacitive sensor arrays in dimensional analysis of surfaces
Nerino, R.;
Instrumentation and Measurement, IEEE Transactions on
Volume 44, Issue 4, Aug. 1995 Page(s):875 - 880
[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE JNL

- 8. Automatic balancing of linear AC bridge circuits for capacitive sensor elements
Holmberg, P.;
Instrumentation and Measurement, IEEE Transactions on
Volume 44, Issue 3, June 1995 Page(s):803 - 805
[AbstractPlus](#) | Full Text: [PDF\(244 KB\)](#) IEEE JNL

- 9. A switched-capacitor interface for capacitive sensors based on relaxation oscillators
Cichocki, A.; Unbehauen, R.;
Instrumentation and Measurement, IEEE Transactions on
Volume 39, Issue 5, Oct. 1990 Page(s):797 - 799
[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE JNL

- 10. A magnetic bearing system using capacitive sensors for position measurement
Ortiz Salazar, A.; Dunford, W.; Stephan, R.; Watanabe, E.;
Magnetics, IEEE Transactions on
Volume 26, Issue 5, Sep 1990 Page(s):2541 - 2543
[AbstractPlus](#) | Full Text: [PDF\(240 KB\)](#) IEEE JNL

- 11. A switched-capacitor interface for capacitive sensors with wide dynamic range
Kondo, K.; Watanabe, K.;
Instrumentation and Measurement, IEEE Transactions on
Volume 38, Issue 3, June 1989 Page(s):736 - 739
[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) IEEE JNL

- 12. A new method for the measurement of low speed using a multiple-electrode capacitive sensor
Xianjun Li; Meijier, C.M.;
Instrumentation and Measurement, IEEE Transactions on
Volume 46, Issue 2, April 1997 Page(s):636 - 639
[AbstractPlus](#) | References | Full Text: [PDF\(140 KB\)](#) IEEE JNL

- 13. Capacitive sensors for measuring the pressure between the foot and shoe
Kothari, M.; Webster, J.G.; Tompkins, W.J.; Wertsch, J.J.; Bach-y-Rita, P.;
Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual International Conference of the
4-7 Nov. 1988 Page(s):805 - 806 vol.2
[AbstractPlus](#) | Full Text: [PDF\(152 KB\)](#) IEEE CNF

- 14. Anodic bonding for integrated capacitive sensors
Esashi, M.; Ura, N.; Matsumoto, Y.;
Micro Electro Mechanical Systems, 1992, MEMS '92, Proceedings. 'An Investigation of Micro Structures, Sensors, Machines and Robot'. IEEE
4-7 Feb. 1992 Page(s):43 - 48
[AbstractPlus](#) | Full Text: [PDF\(328 KB\)](#) IEEE CNF

- 15. New technology for partial discharge testing of operating generators and motors
Stone, G.C.; Sedding, H.G.;
Electrical Electronics Insulation Conference and Electrical Manufacturing & Coil Winding Conference, 1993. F '93 EEIC/ICWA Exposition
4-7 Oct. 1993 Page(s):667 - 672
[AbstractPlus](#) | Full Text: [PDF\(432 KB\)](#) IEEE CNF

- 16. A thick-film ceramic capacitive sensor for embedding in polymer extrusion die
Coffey, D.; Jara-Almonte, J.; Knopf, W.H.;
Instrumentation and Measurement Technology Conference, 1993. IMTC/93. Conference Record., IEEE
18-20 May 1993 Page(s):171 - 176
[AbstractPlus](#) | Full Text: [PDF\(572 KB\)](#) IEEE CNF

- 17. A dual frequency range integrated circuit accelerometer using capacitive and piezoelectric sensing techniques
Blow, B.A.; Harjani, R.; Polla, D.L.; Tamagawa, T.;
Circuits and Systems, 1993., ISCAS '93, 1993 IEEE International Symposium on
3-6 May 1993 Page(s):1120 - 1123 vol.2
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF

- 18. A new method for the measurement of very low speeds using a multiple-electrode capacitive sensor
Xiuju Li; Meijer, G.C.M.;
Precision Electromagnetic Measurements Digest, 1996 Conference on
17-21 June 1996 Page(s):349 - 350
[AbstractPlus](#) | Full Text: [PDF\(180 KB\)](#) IEEE CNF

- 19. CMOS circuits for on-chip capacitance ratio testing or sensor readout
Yuming Cao; Temes, G.C.;
Circuits and Systems, 1995. ISCAS '95., 1995 IEEE International Symposium on
Volume 3, 28 April-3 May 1995 Page(s):1848 - 1851 vol.3
[AbstractPlus](#) | Full Text: [PDF\(288 KB\)](#) IEEE CNF

- 20. A low-cost, highly stable reference capacitor for capacitive sensor systems
Toth, F.N.; Bertels, D.; Meijer, G.C.M.;
Instrumentation and Measurement Technology Conference, 1995. IMTC/95. Proceedings. 'Integrating Intelligent and Control', IEEE
24-26 April 1995 Page(s):412
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) IEEE CNF

- 21. A 390 dpi live fingerprint imager based on feedback capacitive sensing scheme
Tartagni, M.; Guerrieri, R.;
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 IEEE International
6-8 Feb. 1997 Page(s):200 - 201, 456
[AbstractPlus](#) | Full Text: [PDF\(1480 KB\)](#) IEEE CNF

- 22. Low voltage low power CMOS front-ends for capacitive sensors
Ferré, G.;
Analog and Mixed IC Design, 1997. Proceedings., 1997 2nd IEEE-CAS Region 8 Workshop on
12-13 Sept. 1997 Page(s):53 - 58
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF

- 23. Proximity sensing for robots
Bury, B.;
Robot Sensors, IEE Colloquium on
23 Jan 1991 Page(s):3/1 - 318
[AbstractPlus](#) | Full Text: [PDF\(608 KB\)](#) IEE CNF

- 24. Multimode digital control of a suspended polysilicon microstructure
Fedder, G.K.; Howe, R.T.;
Microelectromechanical Systems, Journal of
Volume 5, Issue 4, Dec. 1996 Page(s):283 - 297
[AbstractPlus](#) | References | Full Text: [PDF\(1716 KB\)](#) IEEE JNL

- 25. A very accurate measurement system for multielectrode capacitive sensors